

IN THE CLAIMS:

Please amend claims 34, 35, 37, 38, 46, 47, 51-53, 55, 56, 63 and 64 and add new claim 66 as follows:

34. (Currently Amended) A method for establishing a connection in a telecommunication network comprising different protocols, and an interworking function (MSC, IWF) for adapting the different protocol features used for a connection between ~~the~~ a calling terminal and the interworking function, and the interworking function and the called terminal ~~party~~, comprising the steps of:

a) receiving at the interworking function from a calling terminal a request to establish a connection of a first type (multimedia connection) using first protocol features;

b) performing a setup processing according to the first protocol features used for the first type of connection between the interworking function and the called terminal ~~party~~;

c) determining a second type of connection;

d) checking the result of said setup processing so as to indicate whether or not the setup processing according to the first protocol features has been successful; and, when said checking step indicates that said setup processing was not successful,

e₁) establishing said second type of connection between the interworking function and the called terminal and

e₂) changing the connection between the calling terminal and the interworking

function to the second type of connection.

35. (Currently Amended) A method according to claim 34, wherein said determination step comprises a monitoring operation performed in a network element arranged between the calling terminal party and said called terminal party.

36. (Previously Presented) A method according to claim 35, wherein a connection fallback from said first type of connection to said second type of connection is performed in said network element.

37. (Currently Amended) A method according to claim 35, wherein at least one type of connection supported by said called terminal party is determined as said second type of connection in said network element by monitoring a signaling for call establishment, and wherein the call is re-established based on the determination result.

38. (Currently Amended) A method according to claim 37, wherein the determination result is signaled to said calling terminal party which then performs the call re-establishment operation.

39. (Previously Presented) A method according to claim 34, wherein said first type of connection is a multimedia connection.

40. (Previously Presented) A method according to claim 34, wherein said second type of connection is a speech connection.

41. (Previously Presented) A method according to claim 34, further comprising the step of establishing said first type of connection, when said result of said checking step indicates that said handshake processing was successful.

42. (Previously Presented) A method according to claim 34, wherein said first type of connection is a video connection.

43. (Previously Presented) A method according to claim 34, wherein said handshake processing is an interworking processing.

44. (Previously Presented) A method according to claim 34, wherein said first type of connection is a connection between a mobile terminal and a network terminal of a fixed network.

45. (Previously Presented) A method according to 34, wherein said second type of connection is determined on the basis of said handshake processing.

46. (Currently Amended) A method according to claim 34, wherein said second type of connection is determined by performing another handshake processing with said called terminal party.

47. (Currently Amended) A method according to claim 34, wherein said second type of connection is determined on the basis of the calling number of said called

terminal party.

48. (Previously Presented) A method according claim 34, wherein said second type of connection is determined on the basis of a predetermined priority order.

49. (Previously Presented) A method according to claim 34, wherein said first type of connection is compliant with the ITU-T Recommendation H.324.

50. (Previously Presented) A method according to claim 34, wherein said second type of connection is established by performing a channel mode modification and changing switching.

51. (Currently Amended) A method according to claim 34, further comprising the step of establishing a HSCSD call to said called terminal party.

52. (Currently Amended) A system for establishing a connection in a telecommunication network comprising different protocols, comprising:

a) negotiating means implemented as an interworking function (MSC, IWF) for adapting the different protocol features used for a connection between a calling terminal and the interworking function and the interworking function and a called terminal party, said negotiating means being adapted for, when receiving at the interworking function from a calling terminal a request to establish a connection of a first type (multimedia connection) using first protocol features, performing a setup processing

according to the first protocol features used for the first type of connection between the interworking function and the called terminal party;

- b) determining means for determining a second type of connection;
- c) checking means for checking ~~the~~ a result of said setup processing so as to indicate whether or not the setup processing according to the first protocol features has been successful; and
- d) connection control means for establishing said second type of connection between the interworking function and the called terminal and changing the connection between the calling terminal and the interworking function to the second type of connection, in response to the checking result of said checking means.

53. (Currently Amended) A system according to claim 52, wherein said determination means is provided in a network element arranged between the calling terminal party and said called terminal party, and is adapted to perform a monitoring operation.

54. (Previously Presented) A system according to claim 53, wherein a connection fallback from said first type of connection to said second type of connection is performed in said network element.

55. (Currently Amended) A system according to claim 53, wherein at least one type of connection supported by said called terminal party is determined as said second

type of connection in said determining means by monitoring a signaling for call establishment, wherein said connection control means is arranged to re-establish the call based on the determination result.

56. (Currently Amended) A system according to claim 55, wherein said connection control means is arranged at said calling terminal party, and wherein the determination result is signaled by said determining means to said calling terminal party.

57. (Previously Presented) A system according to claim 52, wherein said first type of connection is a multimedia connection.

58. (Previously Presented) A system according to claim 52, wherein said second type of connection is a speech connection.

59. (Previously Presented) A system according to claim 53, wherein said network element is an interworking unit.

60. (Previously Presented) A system according to claim 59, wherein said interworking unit is arranged to check said first type of connection.

61. (Previously Presented) A system according to claim 34, wherein said interworking function is arranged to check said first type of connection.

62. (Previously Presented) A system according to claim 52, wherein said

determining means is arranged to determine said second type of connection on the basis of an information obtained from said handshake processing.

63. (Currently Amended) A system according to claim 52, wherein said determining means is arranged to determine said second type of connection by performing another handshake processing with said called terminal party.

64. (Currently Amended) A system according to claim 52, wherein said determining means is arranged to determine said second type of connection on the basis of the calling number of said called terminal party.

65. (Previously Presented) A system according to claim 52, wherein said determining means is arranged to determine said second type of connection on the basis of a predetermined priority order.

66. (New) An interworking function, comprising:

a) negotiating means for adapting different protocol features used for connections with a calling terminal and a called terminal, said negotiating means being configured to, when receiving a request to establish a connection of a first type (multimedia connection) using first protocol features from a calling terminal, perform a setup processing according to the first protocol features used for the first type of connection with the called terminal;

b) determining means for determining a second type of connection;

c) checking means for checking a result of said setup processing so as to indicate whether the setup processing according to the first protocol features has been successful; and

d) connection control means for establishing said second type of connection between with the called terminal and changing the connection with the calling terminal to the second type of connection, in response to the checking result of said checking means.